ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	2/23/01	01-0166	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.06_DPS.29629mp02 to EDC. Second Trial fix for 100M DEM entries missing from runtime PCF.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date:
2/23/01	II	CCR	02/23/2001

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
for Tim Davis 2/23/01	Update ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
N/A	N/A	DPS

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
5B		None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
NCRs ECSed 29629 -- Not final fix

23. Problem: (use additional Sheets if necessary)
Second Trial Fix!!!!!!
29629 -- 100M DEM entries missing from runtime PCF.

Developer has a fix which cannot be adaquatly tested in Landover. Send developer's view of correction to EDC for testing ONLY!!!!!! If test successful developer will complete fix by merging to baseline. EDC will save (prior to test) and restore (after test) the mode's current configuration.

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 5B.06_DPS.29629mp02 will provide trial fixes to the problems listed above. TE can be loaded on top of installations of 5B.06 for TESTING ONLY.

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and wait until 5B.07 is available.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
DAACs must continue to work around the problems and/or modify operating procedures.

27. Justification for Emergency (If Block 15 is "Emergency"):
addresses item on the ECS Top Priority List.

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☒EDC ☐GSFC ☐LaRC ☐NSIDC ☒SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 2/23/01	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ORIGINAL

ADDITIONAL SHEET

CCR #: 01-0166 **Rev:** — **Originator:** Evan Winston

Telephone: 301.925.0348 **Office:** DEV/CO

Title of Change: Test Executable 5B.06_DPS.29629mp02 to EDC. Second Trial fix for 100M DEM entries missing from runtime PCF.

CONTENT:
CM:

Please generate a SUN TAR file from the developer's view:
mprimett_NCR29629_5B for the following file:

/ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM

SMC: distribute to the DAACs.

DAAC Install Instructions:

This TE, 5B.06_DPS.29629mp02 must be used on top of 5B.06 installations.

This TE is required for TESTING ONLY at EDC!!!!!!!!!!!! In no case should this code be installed in OPS mode!!!!!!

1. Get TAR Files from SMC distribution;

2. UNTAR the files and copy to the staging area.

3. Please follow install and testing instructions below.

++

Approval carries for another test TE.

timo

Michael Primett wrote:
>
> Hello everyone.
>
> So Gayla ran the test and it executed successfully. However, there was a
> suprious entry generated in the runtime PCF. This will not affect execution
> at all, but it should be cleaned up. It's basically because as the percursor
> to merging runtime and template PCFs, two lists have to be sorted and merged
> and I inserted the entry into both lists. I've corrected this in my view,
> mprimett_NCR29629_5B , in the file /ecs/formal/PDPS/DPS/PRONG/src/DpPrPcf.cxx
> which changes the executable /ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM . Could
> we arrange to ship out another TE just to verify that this removes the
> spurious entry? Once Gayla has a chance to test it again, I'm sure there
> won't be any further problems, and I can merge to 5B, 5B6A (5B.07) and 6A,
> and EDC can take this as a TE to install on top of 5B.07. Let me know if this
> is okay. Thanks!
>
> Mike. 301 883 4119

ORIGINAL

Information From first trial TE:

I have a potential code fix in my view (mprimett_NCR29629_5B), which I
> think will solve the problem. I've done some unit testing back here, but
> I'd really like for EDC to run their test with the new executable
> (/ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM) out at EDC to verify that
> this solves the problem, before I do any merging. (We don't really have
> the facilities in the integration lab to run a test, and if I go down to
> the PVC, I'd have to devise a test scenario based on data from EDC which
> would take me far longer than it would take EDC just to test this in
> their TS1 test mode). I'm assured that this is possible, all I need to
> do is supply you with the information and you can magically make it all
> happen! The view name where my fixes can be found is:
>
> mprimett_NCR29629_5B
>
> The file changed is:
>
> /ecs/formal/PDPS/DPS/PRONG/src/ExecMgmt/DpPrPcf.cxx
>
> which changes the executable /ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM
>
> The DAAC would just need to put the file EcDpPrEM into
> /usr/ecs/TS1/CUSTOM/bin/DPS, saving off their current executable first,
> of course. Gayla is familiar with the test that needs to be run and can
> do so fairly quickly, if she has an opportunity to fit it into her busy
> schedule. If anyone has any questions feel free to Email me or call me
> at 301 883 4119. Thanks in advance for your help,
>
> Mike Primett

Do NOT allow this code to remain in use in any mode after the testing is completed - Restore the mode's files aftrer testing.

Report the results of the testing through Cheryl Jones and Mike Primett.

CM01AJA00

CCR # 01-0166

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